

Table ENG-5. - Sanitary Facilities

Rappahannock County, Virginia

The information in this table indicates the dominant soil condition, but does not eliminate the need for onsite investigation. The numbers in the value column range from 0.01 to 1.00. The larger the value, the greater the potential limitation. Limiting features in this report are limited to the top 5 limitations. Additional limitations may exist.

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
AbB:					
Albemarle	85	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to soft bedrock	1.00
		Restricted permeability	0.50	Seepage	1.00
				Depth to hard bedrock	0.88
AbC:					
Albemarle	85	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to soft bedrock	1.00
		Restricted permeability	0.50	Slope	1.00
		Slope	0.37	Seepage	1.00
Ad:					
Alluvial land	85	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.50	Seepage	0.50
Wehadkee	5	Not Rated		Not Rated	
At:					
Altavista	85	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.50	Seepage	0.50
				Slope	0.32
Au:					
Augusta	85	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.50	Seepage	1.00
Roanoke	5	Not Rated		Not Rated	
Be:					
Belvoir	85	Very limited		Very limited	
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
				Slope	0.68
Worsham		Not Rated		Not Rated	

Table ENG-5. - Sanitary Facilities - Continued

Rappahannock County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
BgB:					
Brandywine	85	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
				Slope	0.68
BgC:					
Brandywine	85	Very limited		Very limited	
		Filtering capacity	1.00	Slope	1.00
		Slope	0.37	Seepage	1.00
BgD:					
Brandywine	85	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Filtering capacity	1.00	Seepage	1.00
BoC:					
	85	Very limited		Very limited	
		Filtering capacity	1.00	Slope	1.00
		Slope	0.37	Seepage	1.00
BoD:					
Brandywine	85	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Filtering capacity	1.00	Seepage	1.00
BoE:					
Brandywine	85	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Filtering capacity	1.00	Seepage	1.00
BrC:					
Brandywine	85	Very limited		Very limited	
		Filtering capacity	1.00	Slope	1.00
		Slope	0.37	Seepage	1.00
BrD:					
Brandywine	85	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Filtering capacity	1.00	Seepage	1.00
BrE:					
Brandywine	85	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Filtering capacity	1.00	Seepage	1.00
BwC2:					
Brandywine	85	Very limited		Very limited	
		Filtering capacity	1.00	Slope	1.00
		Slope	0.37	Seepage	1.00

BwD2:

Table ENG-5. - Sanitary Facilities - Continued

Rappahannock County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
BwD2:					
Brandywine	85	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Filtering capacity	1.00	Seepage	1.00
ByC:					
Brandywine	85	Very limited		Very limited	
		Filtering capacity	1.00	Slope	1.00
		Slope	0.37	Seepage	1.00
ByD:					
Brandywine	85	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Filtering capacity	1.00	Seepage	1.00
ByE:					
Brandywine	85	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Filtering capacity	1.00	Seepage	1.00
Bz:					
Buncombe	85	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Filtering capacity	1.00	Seepage	1.00
Wet spots		Not Rated		Not Rated	
CaE:					
Catoctin	85	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	1.00	Depth to soft bedrock	1.00
				Slope	1.00
CdB:					
Chester	85	Somewhat limited		Somewhat limited	
		Restricted permeability	0.50	Slope	0.68
				Seepage	0.50
CdC2:					
Chester	85	Somewhat limited		Very limited	
		Restricted permeability	0.50	Slope	1.00
		Slope	0.37	Seepage	0.50
CeB2:					
Chester	70	Somewhat limited		Somewhat limited	
		Restricted permeability	0.50	Slope	0.68
				Seepage	0.50

Table ENG-5. - Sanitary Facilities - Continued

Rappahannock County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
CeB2:					
Brandywine	30	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
				Slope	0.68
CeC2:					
Chester	60	Somewhat limited		Very limited	
		Restricted permeability	0.50	Slope	1.00
		Slope	0.37	Seepage	0.50
Brandywine	40	Very limited		Very limited	
		Filtering capacity	1.00	Slope	1.00
		Slope	0.37	Seepage	1.00
Ch:					
Chewacla	85	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.50	Seepage	0.50
Wehadkee	5	Not Rated		Not Rated	
Co:					
Congaree	85	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.50	Seepage	0.50
CpC3:					
Culpeper	85	Very limited		Very limited	
		Depth to bedrock	1.00	Slope	1.00
		Restricted permeability	0.50	Depth to soft bedrock	1.00
		Slope	0.37	Seepage	0.50
CpD3:					
Culpeper	85	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Depth to bedrock	1.00	Depth to soft bedrock	1.00
		Restricted permeability	0.50	Seepage	0.50
CuB:					

Table ENG-5. - Sanitary Facilities - Continued

Rappahannock County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
CuB:					
Culpeper	85	Very limited		Somewhat limited	
		Depth to bedrock	1.00	Depth to soft bedrock	1.00
		Restricted permeability	0.50	Slope	0.68
				Seepage	0.50
CuC2:					
Culpeper	85	Very limited		Very limited	
		Depth to bedrock	1.00	Slope	1.00
		Restricted permeability	0.50	Depth to soft bedrock	1.00
		Slope	0.37	Seepage	0.50
DyB:					
Dyke	85	Very limited		Somewhat limited	
		Restricted permeability	1.00	Slope	0.68
				Seepage	0.50
DyC2:					
Dyke	85	Very limited		Very limited	
		Restricted permeability	1.00	Slope	1.00
		Slope	0.37	Seepage	0.50
EbC:					
Eubanks	50	Somewhat limited		Very limited	
		Slope	0.37	Slope	1.00
				Seepage	1.00
Brandywine	30	Very limited		Very limited	
		Filtering capacity	1.00	Slope	1.00
		Slope	0.37	Seepage	1.00
EbD2:					
Eubanks	50	Very limited		Very limited	
		Slope	1.00	Slope	1.00
				Seepage	1.00
Brandywine	30	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Filtering capacity	1.00	Seepage	1.00
EcB:					
Eubanks	50	Not limited		Very limited	
				Seepage	1.00
				Slope	0.68
Chester	30	Somewhat limited		Somewhat limited	
		Restricted permeability	0.50	Slope	0.68
				Seepage	0.50

Table ENG-5. - Sanitary Facilities - Continued

Rappahannock County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
EcC:					
Eubanks	50	Somewhat limited Slope	0.37	Very limited Slope Seepage	1.00 1.00
Chester	30	Somewhat limited Restricted permeability Slope	0.50 0.37	Very limited Slope Seepage	1.00 0.50
EIB3:					
Eubanks	50	Not limited		Very limited Seepage Slope	1.00 0.68
Lloyd	50	Somewhat limited Restricted permeability	0.82	Somewhat limited Slope Seepage	0.68 0.50
EIC3:					
Eubanks	50	Somewhat limited Slope	0.37	Very limited Slope Seepage	1.00 1.00
Lloyd	50	Somewhat limited Restricted permeability Slope	0.82 0.37	Very limited Slope Seepage	1.00 0.50
EID3:					
Eubanks	50	Very limited Slope	1.00	Very limited Slope Seepage	1.00 1.00
Lloyd	50	Very limited Slope Restricted permeability	1.00 0.82	Very limited Slope Seepage	1.00 0.50
EuB:					
Eubanks	50	Not limited		Very limited Seepage Slope	1.00 0.68
Lloyd	50	Somewhat limited Restricted permeability	0.82	Somewhat limited Slope Seepage	0.68 0.50
EuC2:					

Table ENG-5. - Sanitary Facilities - Continued

Rappahannock County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
EuC2:					
Eubanks	50	Somewhat limited Slope	0.37	Very limited Slope Seepage	1.00 1.00
Lloyd	50	Somewhat limited Restricted permeability Slope	0.82 0.37	Very limited Slope Seepage	1.00 0.50
EyD2:					
Eubanks	50	Very limited Slope	1.00	Very limited Slope Seepage	1.00 1.00
Lloyd	30	Very limited Slope Restricted permeability	1.00 0.82	Very limited Slope Seepage	1.00 0.50
HaC:					
Halewood	85	Somewhat limited Restricted permeability Slope	0.50 0.37	Very limited Slope Seepage	1.00 1.00
HaD:					
Halewood	85	Very limited Slope Restricted permeability	1.00 0.50	Very limited Slope Seepage	1.00 1.00
HaE:					
Halewood	85	Very limited Slope Restricted permeability	1.00 0.50	Very limited Slope Seepage	1.00 1.00
HeC:					
Hazel	85	Somewhat limited Depth to bedrock Slope	0.91 0.37	Very limited Slope Seepage Depth to soft bedrock	1.00 1.00 0.77
HeD:					
Hazel	85	Very limited Slope Depth to bedrock	1.00 0.91	Very limited Slope Seepage Depth to soft bedrock	1.00 1.00 0.77

Table ENG-5. - Sanitary Facilities - Continued

Rappahannock County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
HeE:					
Hazel	85	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Depth to bedrock	0.91	Seepage	1.00
				Depth to soft bedrock	0.77
HsD:					
Hazel	85	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Depth to bedrock	0.91	Seepage	1.00
				Depth to soft bedrock	0.77
HsE:					
Hazel	85	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Depth to bedrock	0.91	Seepage	1.00
				Depth to soft bedrock	0.77
HtB3:					
Hiwassee	85	Somewhat limited		Somewhat limited	
		Restricted permeability	0.50	Slope	0.68
				Seepage	0.50
HtC3:					
Hiwassee	85	Somewhat limited		Very limited	
		Restricted permeability	0.50	Slope	1.00
		Slope	0.37	Seepage	0.50
HwB:					
Hiwassee	85	Somewhat limited		Somewhat limited	
		Restricted permeability	0.50	Slope	0.68
				Seepage	0.50
HwC:					
Hiwassee	85	Somewhat limited		Very limited	
		Restricted permeability	0.50	Slope	1.00
		Slope	0.37	Seepage	0.50
LoC:					
Louisburg	85	Very limited		Very limited	
		Restricted permeability	1.00	Slope	1.00
		Slope	0.37	Seepage	1.00
LoD:					

Table ENG-5. - Sanitary Facilities - Continued

Rappahannock County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
LoD:					
Louisburg	85	Very limited		Very limited	
		Restricted permeability	1.00	Slope	1.00
		Slope	1.00	Seepage	1.00
LsE:					
Louisburg	85	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	1.00	Seepage	1.00
LyC:					
Louisburg	85	Very limited		Very limited	
		Restricted permeability	1.00	Slope	1.00
		Slope	0.37	Seepage	1.00
LyD:					
Louisburg	85	Very limited		Very limited	
		Restricted permeability	1.00	Slope	1.00
		Slope	1.00	Seepage	1.00
Ma:					
Made land	85	Not Rated		Not Rated	
Me:					
Meadowville	85	Very limited		Very limited	
		Depth to saturated zone	1.00	Seepage	1.00
				Depth to saturated zone	0.71
				Slope	0.68
Worsham		Not Rated		Not Rated	
MyC:					
Myersville	85	Somewhat limited		Very limited	
		Depth to bedrock	0.91	Slope	1.00
		Restricted permeability	0.82	Depth to soft bedrock	0.77
		Slope	0.37	Seepage	0.50
MyD:					
Myersville	85	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Depth to bedrock	0.91	Depth to soft bedrock	0.77
		Restricted permeability	0.82	Seepage	0.50

PoB:

Table ENG-5. - Sanitary Facilities - Continued

Rappahannock County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
PoB:					
Porters	85	Somewhat limited		Very limited	
		Depth to bedrock	0.99	Seepage	1.00
		Restricted permeability	0.82	Slope	1.00
				Depth to hard bedrock	0.96
PoC:					
Porters	85	Somewhat limited		Very limited	
		Depth to bedrock	0.99	Slope	1.00
		Restricted permeability	0.82	Seepage	1.00
		Slope	0.37	Depth to hard bedrock	0.96
PoD:					
Porters	85	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Depth to bedrock	0.99	Seepage	1.00
		Restricted permeability	0.82	Depth to hard bedrock	0.96
PoE:					
Porters	85	Very limited		Very limited	
		Restricted permeability	1.00	Slope	1.00
		Slope	1.00	Seepage	1.00
		Depth to bedrock	0.91	Depth to hard bedrock	0.77
RaE:					
Ramsey	85	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	1.00	Slope	1.00
Rd:					
Riverwash	85	Not Rated		Not Rated	
Wet spots		Not Rated		Not Rated	
Re:					
Roanoke	85	Very limited		Very limited	
		Restricted permeability	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Seepage	1.00
		Filtering capacity	1.00		
RkD:					
Rock land	85	Not Rated		Not Rated	
RkE:					
Rock land	85	Not Rated		Not Rated	
RoD:					

Table ENG-5. - Sanitary Facilities - Continued

Rappahannock County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
RoD:					
Rock land	85	Not Rated		Not Rated	
RoE:					
Rock land basic	85	Not Rated		Not Rated	
Rp:					
Rock outcrop	85	Not Rated		Not Rated	
Sa:					
Stony alluvial land	85	Not Rated		Not Rated	
Sc:					
Stony colluvial land	85	Not Rated		Not Rated	
StB:					
Stony local alluvial land	85	Somewhat limited		Somewhat limited	
		Restricted permeability	0.50	Slope	0.68
				Seepage	0.50
StC:					
Stony local alluvial land	85	Somewhat limited		Very limited	
		Restricted permeability	0.50	Slope	1.00
		Slope	0.37	Seepage	0.50
StD:					
Stony local alluvial land	85	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	0.50
UcB:					
Unison	85	Somewhat limited		Very limited	
		Restricted permeability	0.50	Seepage	1.00
				Slope	0.68
				Content of large stones	0.03
UcC:					
Unison	85	Somewhat limited		Very limited	
		Restricted permeability	0.50	Slope	1.00
		Slope	0.37	Seepage	1.00
				Content of large stones	0.03
UnB:					
Unison	85	Somewhat limited		Very limited	
		Restricted permeability	0.50	Seepage	1.00
				Slope	0.68

Table ENG-5. - Sanitary Facilities - Continued

Rappahannock County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
UnC2:					
Unison	85	Somewhat limited		Very limited	
		Restricted permeability	0.50	Slope	1.00
		Slope	0.37	Seepage	1.00
UpB:					
Unison variant	85	Very limited		Very limited	
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
				Seepage	1.00
				Slope	0.68
Ve:					
Very rocky land	85	Not Rated		Not Rated	
We:					
Wehadkee	85	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.50	Seepage	1.00
WhB:					
Wickham	85	Somewhat limited		Somewhat limited	
		Restricted permeability	0.50	Slope	0.68
				Seepage	0.50
Wo:					
Worsham	85	Very limited		Very limited	
		Restricted permeability	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Slope	0.32
Ws:					
Worsham	85	Very limited		Very limited	
		Restricted permeability	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Slope	0.32